Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 51739, Expiration Date: 01/31/2016
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	579	125000	125000	1.46	127341	1.45	20434	4.52
Blue	F	SSC	489	125000	125000	2.67	114319	2.36	56819	1.59
Blue	E	FITC	515	17998	17374	2.27	1013	8.02	110	32.58
Blue	D	PE	507	23234	22653	1.87	1050	7.22	218	21.53
Blue	B	PerCP-Cy5-5	590	69571	64987	2.57	1838	11.59	222	35.65
Blue	A	PE-Cy7	646	77815	74081	3.50	1024	22.21	77	90.35
Red	C	APC	578	65936	61430	2.43	3728	7.72	348	25.50
Red	A	APC-Cy7	559	100669	88289	2.46	1993	7.50	125	36.74
Violet	B	V450	450	10405	12535	3.53	643	7.77	68	40.90
Violet	A	V500	488	47250	47468	3.35	2664	5.46	175	19.86

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.8	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.1960	-14.3	N/A	N/A	N/A
Blue	E	FITC	47	241667	7.3248	-15.6	21.7	0.0314	139
Blue	D	PE	42	241828	7.2577	-15.3	21.7	0.2049	98
Blue	B	PerCP-Cy5-5	186	239425	7.3366	-15.5	23.4	0.0143	18
Blue	A	PE-Cy7	104	237872	7.4169	-16.0	22.0	0.0188	18
Red	C	APC	72	240826	7.3532	-15.5	19.6	0.0236	46
Red	A	APC-Cy7	53	243006	7.3769	-15.3	18.8	0.0054	874
Violet	B	V450	19	238934	7.3672	-15.5	11.7	0.0537	2044
Violet	A	V500	72	239657	7.5592	-15.6	13.9	0.0186	297

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.64	47.70 - 71.54	N/A	N/A	-31.48	-31.28	0.79
Blue	20.45	16.35 - 24.53	1.25	1.00 - 1.50	0.00	0.00	1.22
Red	17.12	13.07 - 19.61	N/A	N/A	31.80	32.08	1.11

Window Extension: 7.00
FSC Area Scaling Factor: 0.85

Threshold

Threshold (FSC): 11720

Fluidics

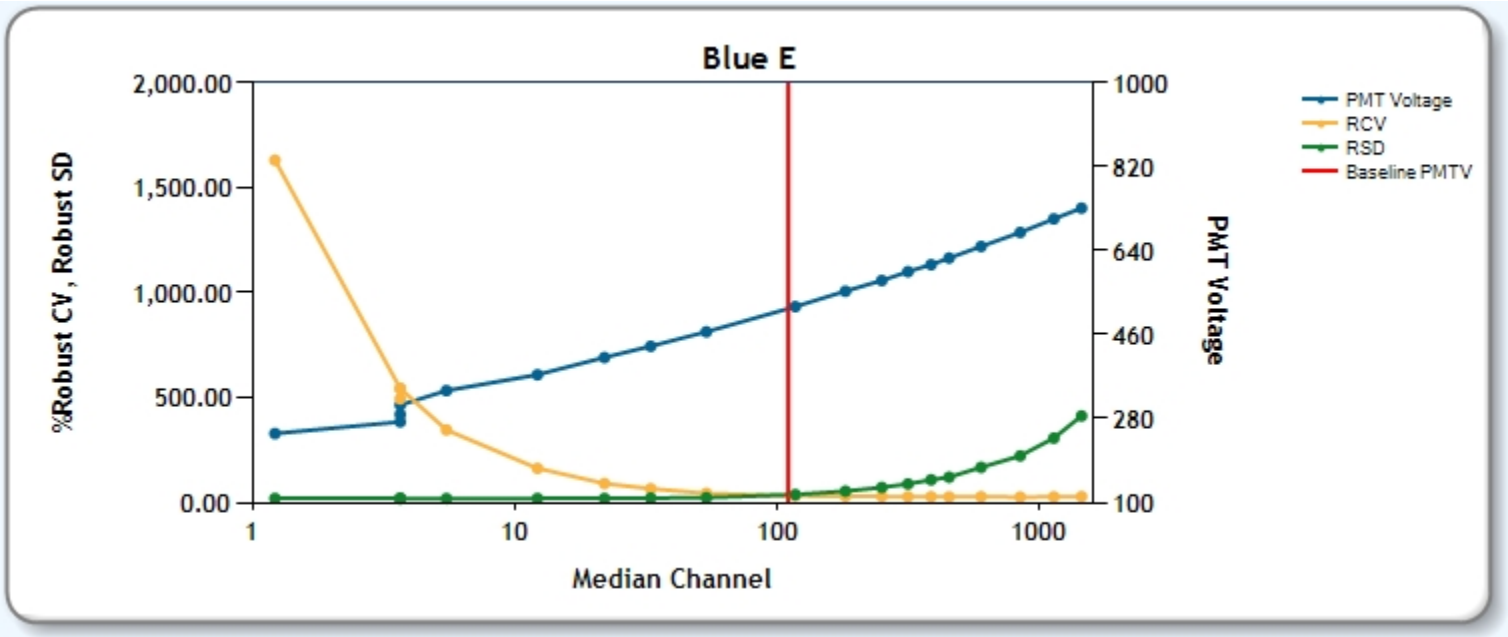
FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

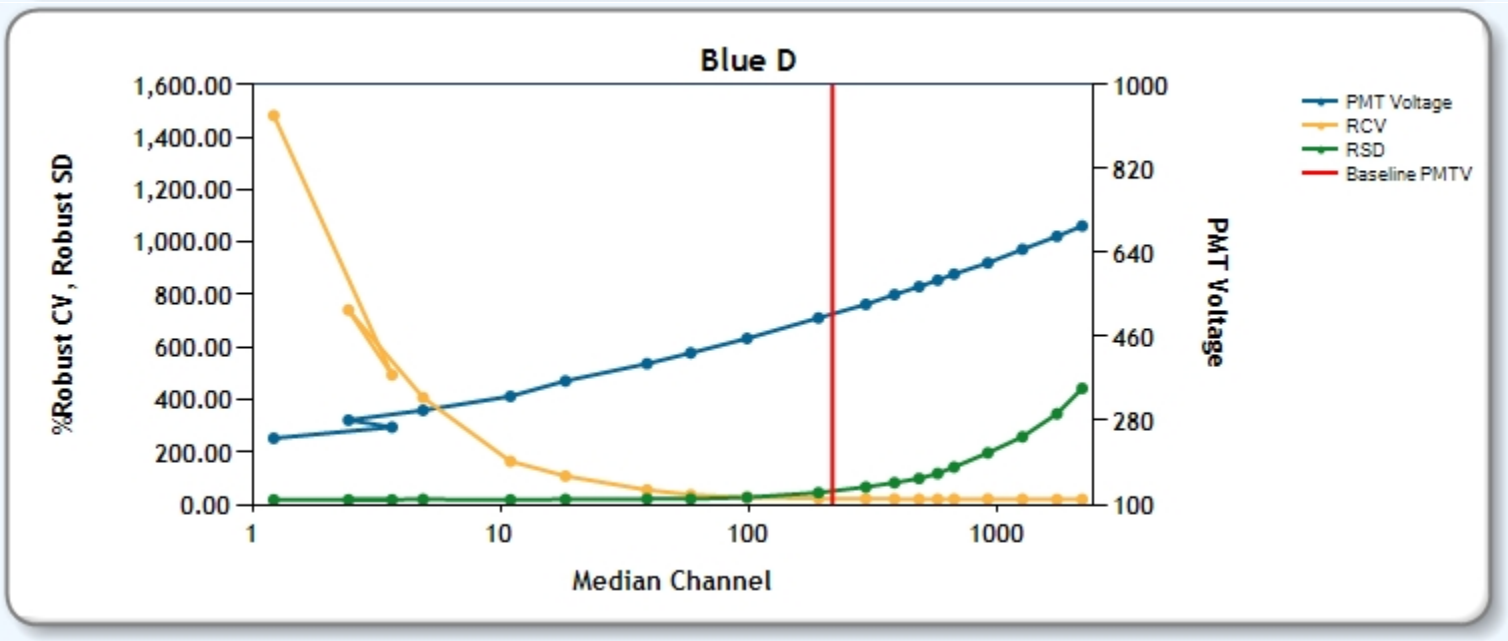
Comments

Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

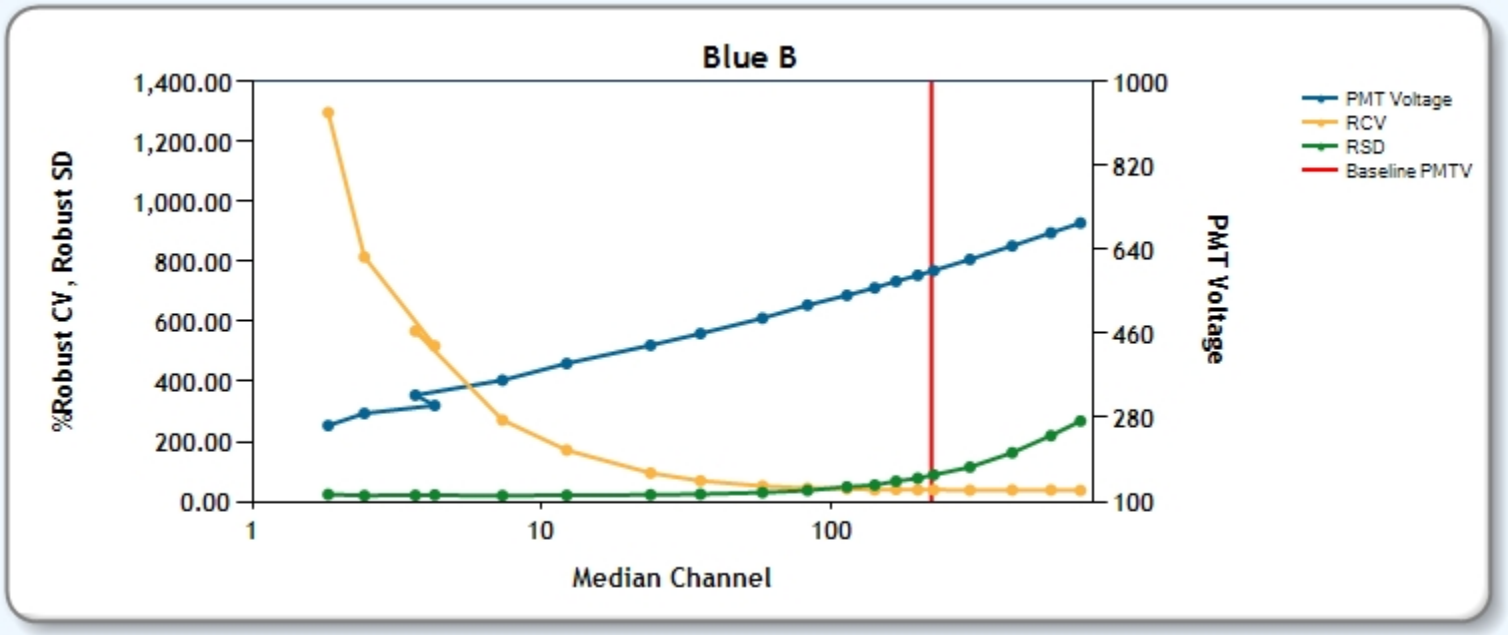
PMTV Optimization Results

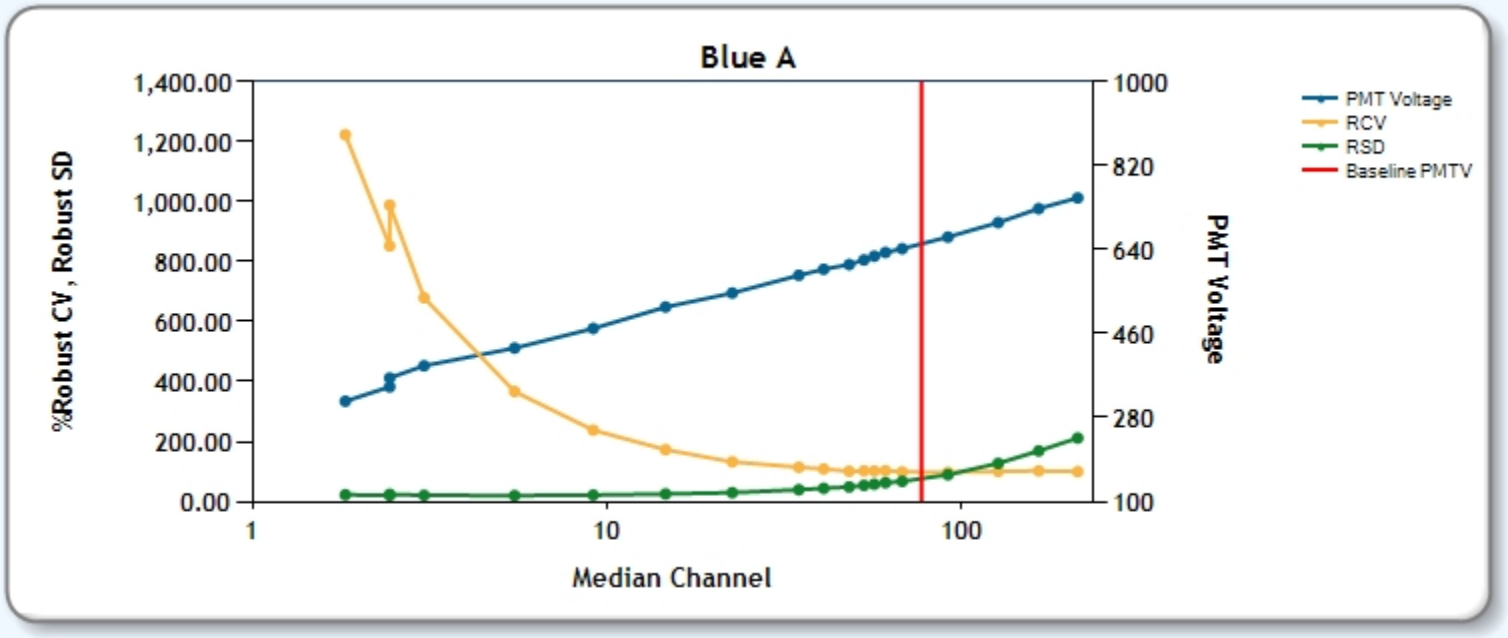




Cytometer Baseline Report

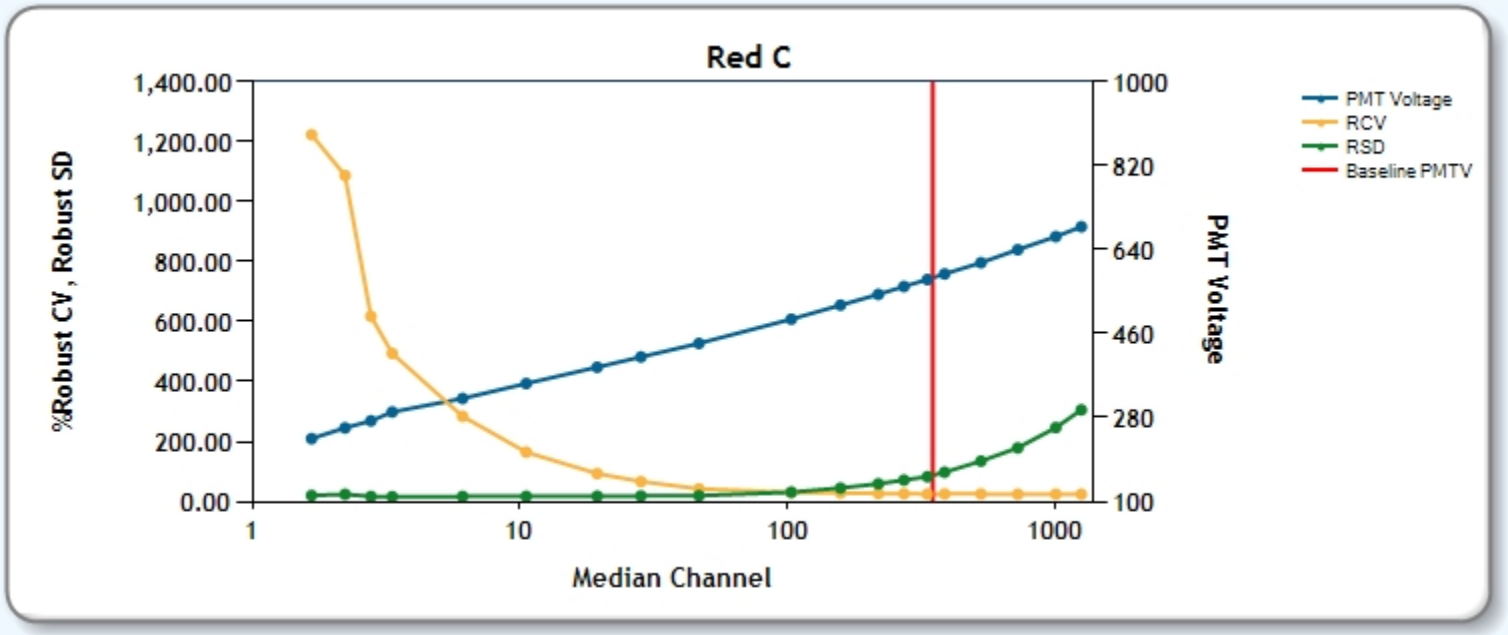
Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

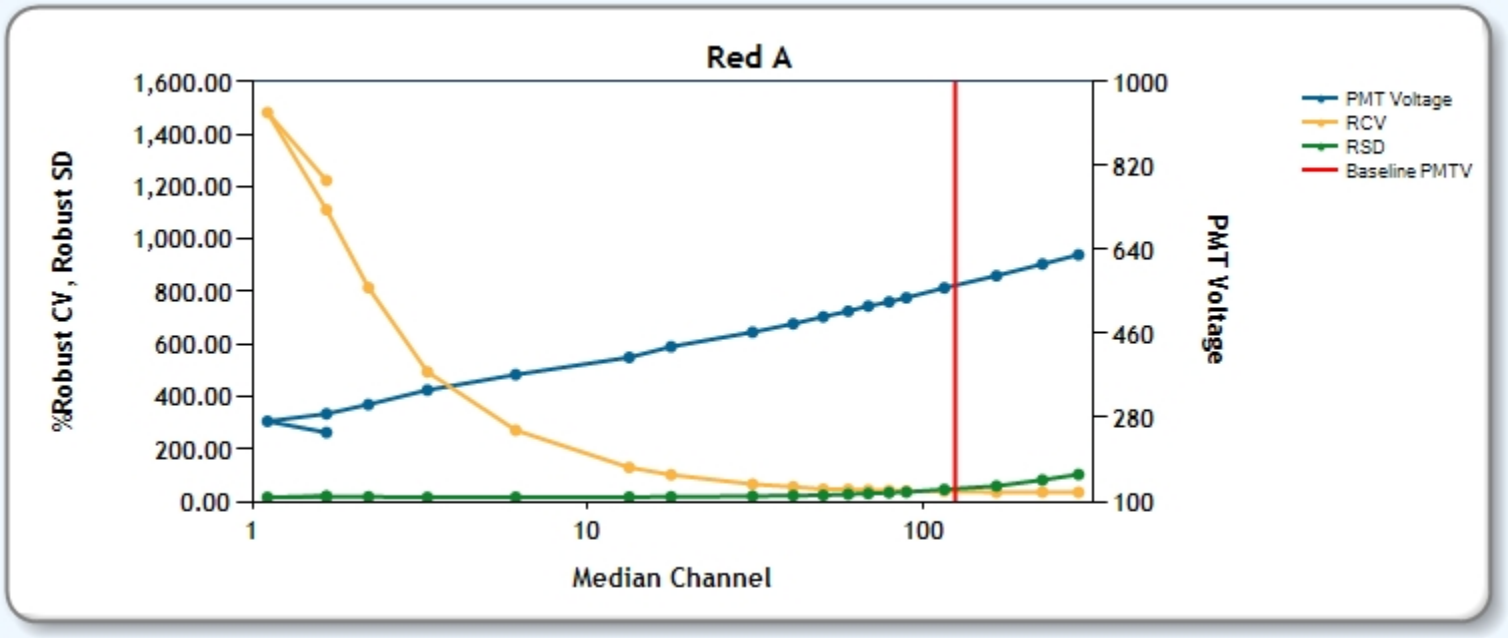




Cytometer Baseline Report

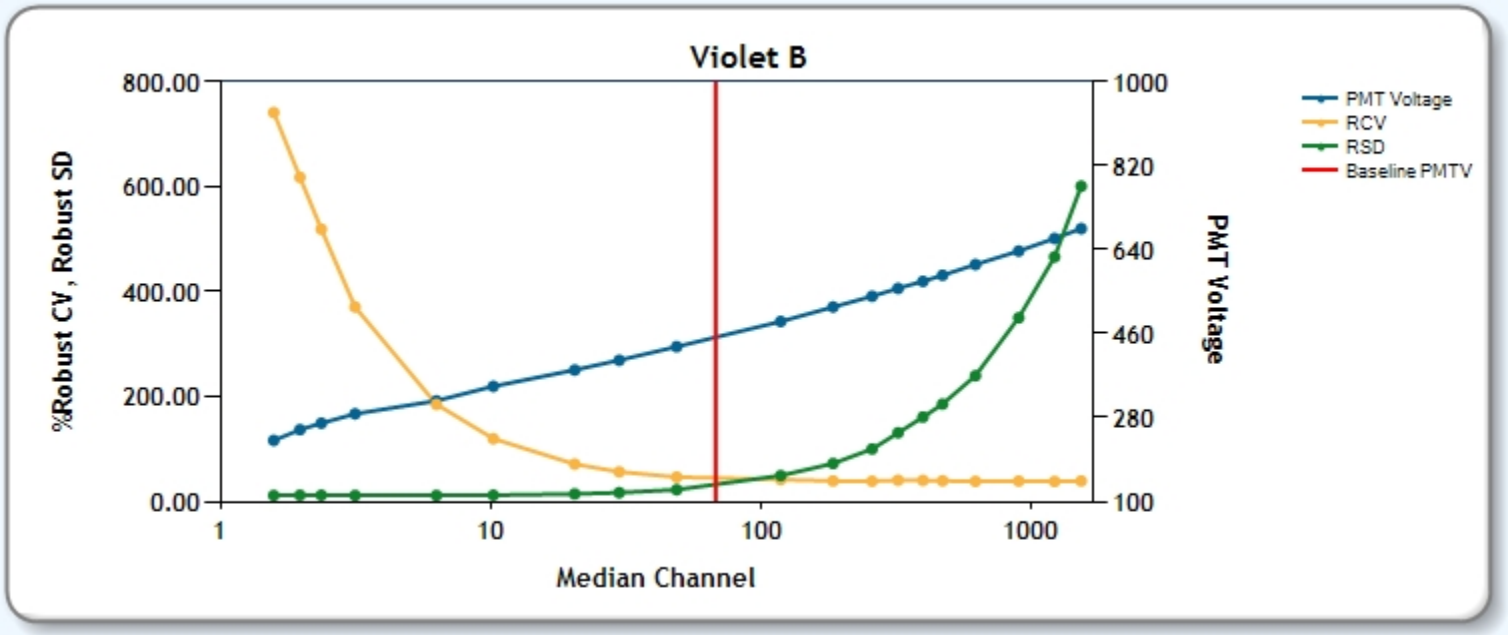
Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

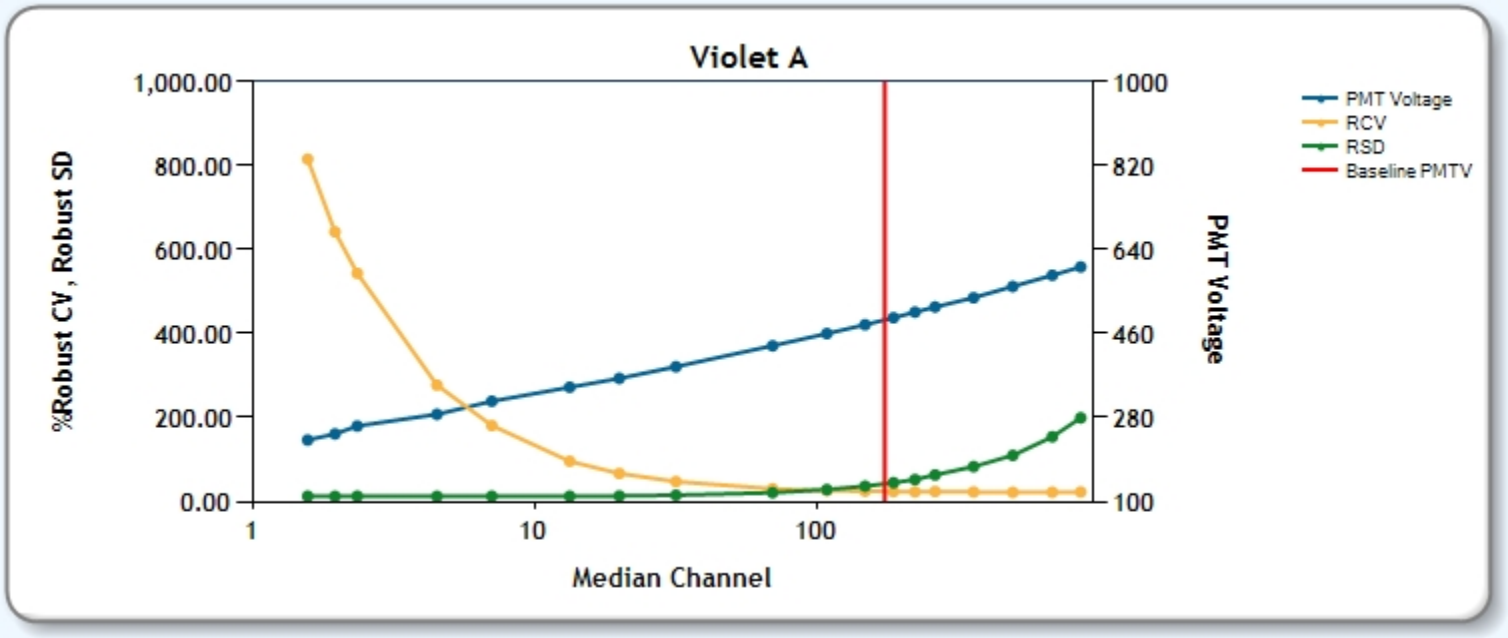




Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

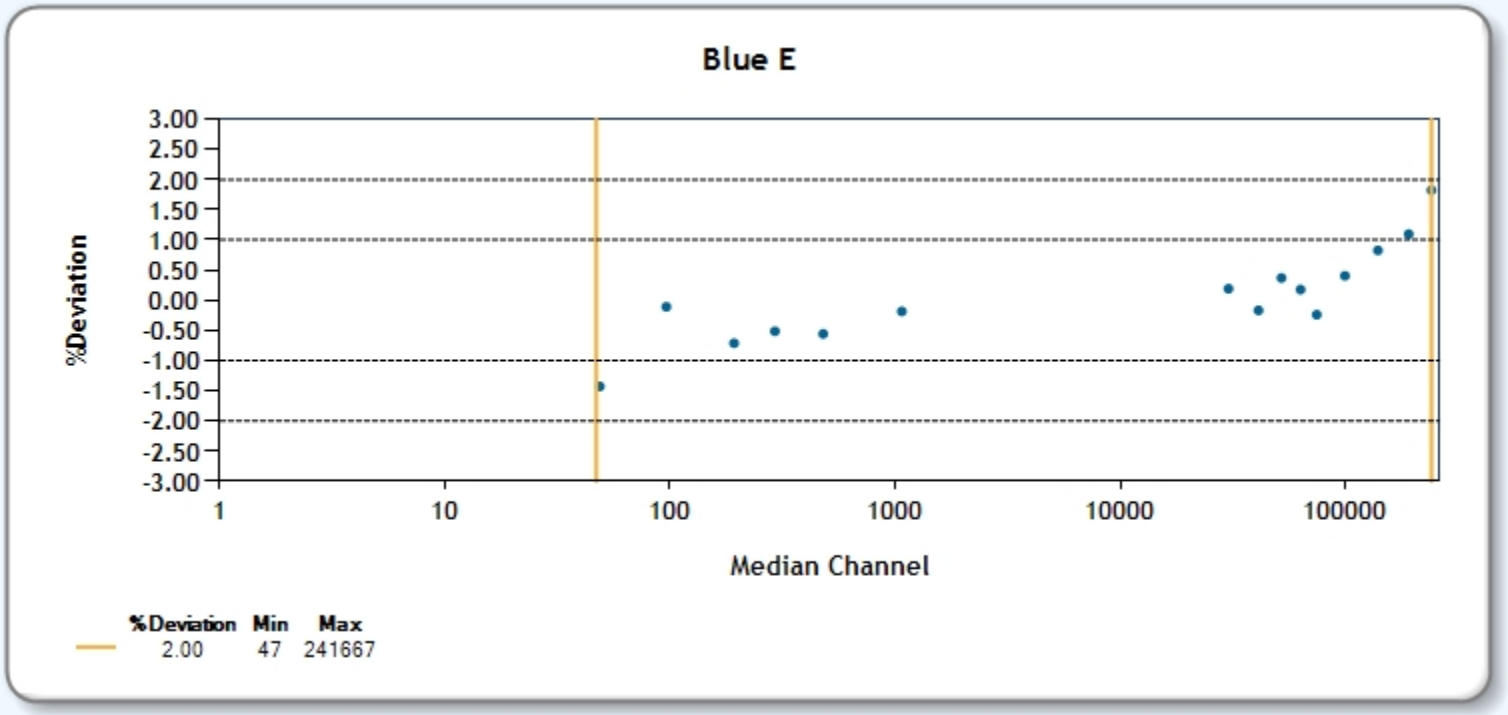


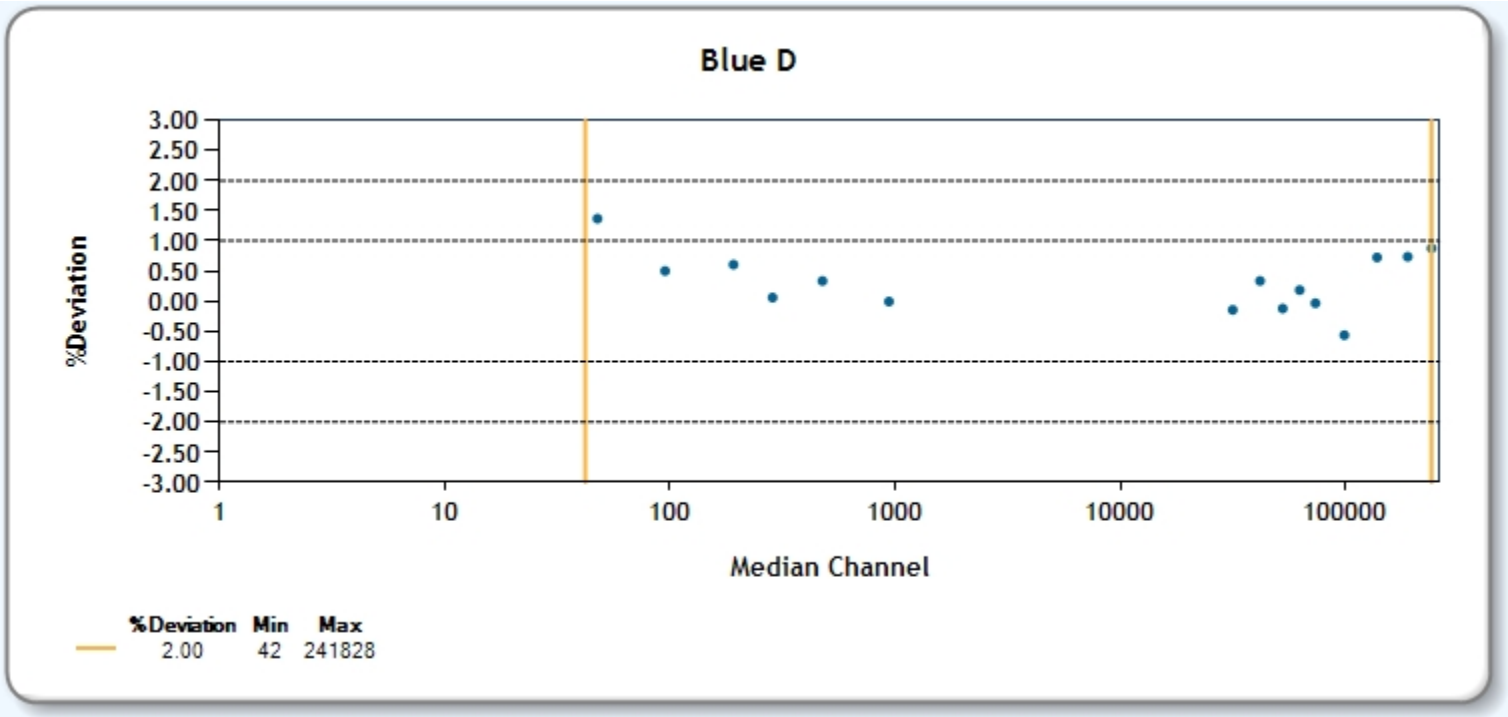


Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

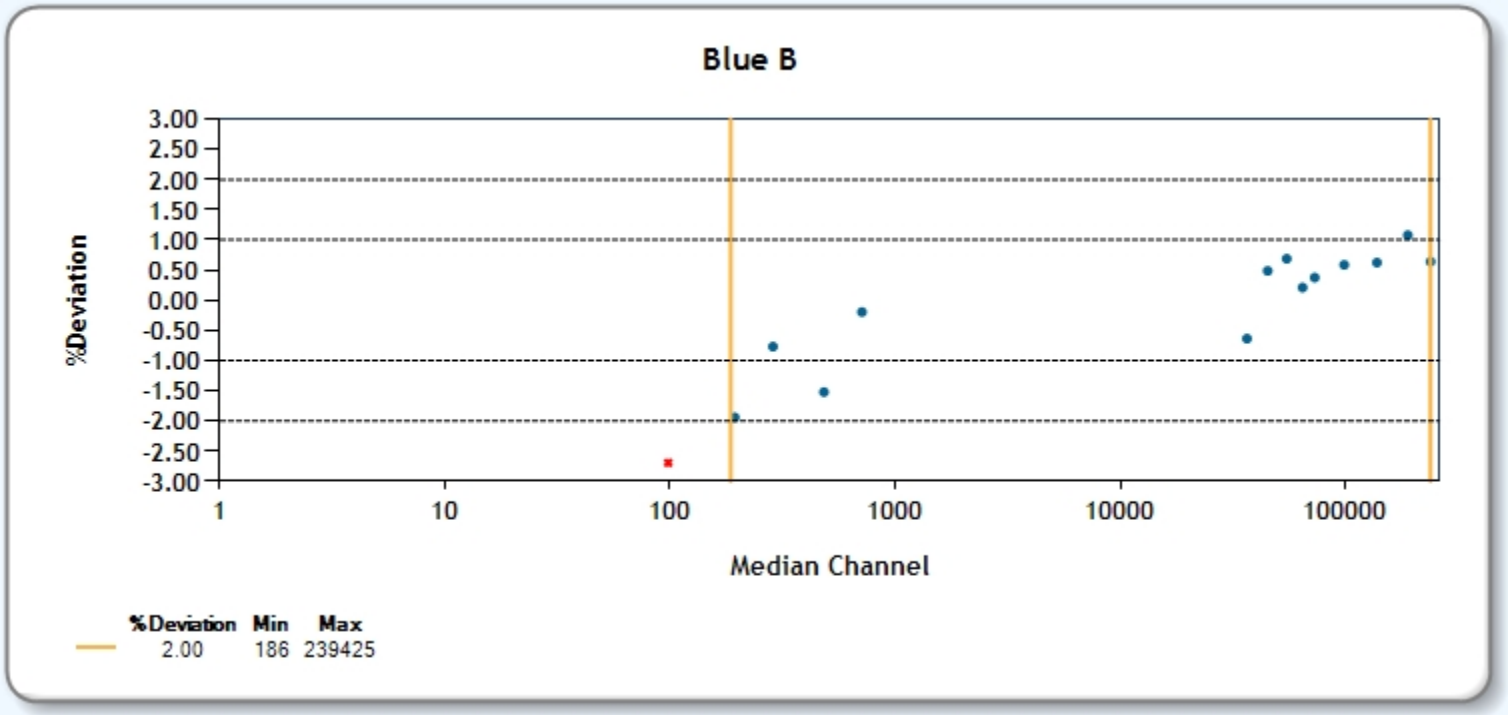
Linearity Results

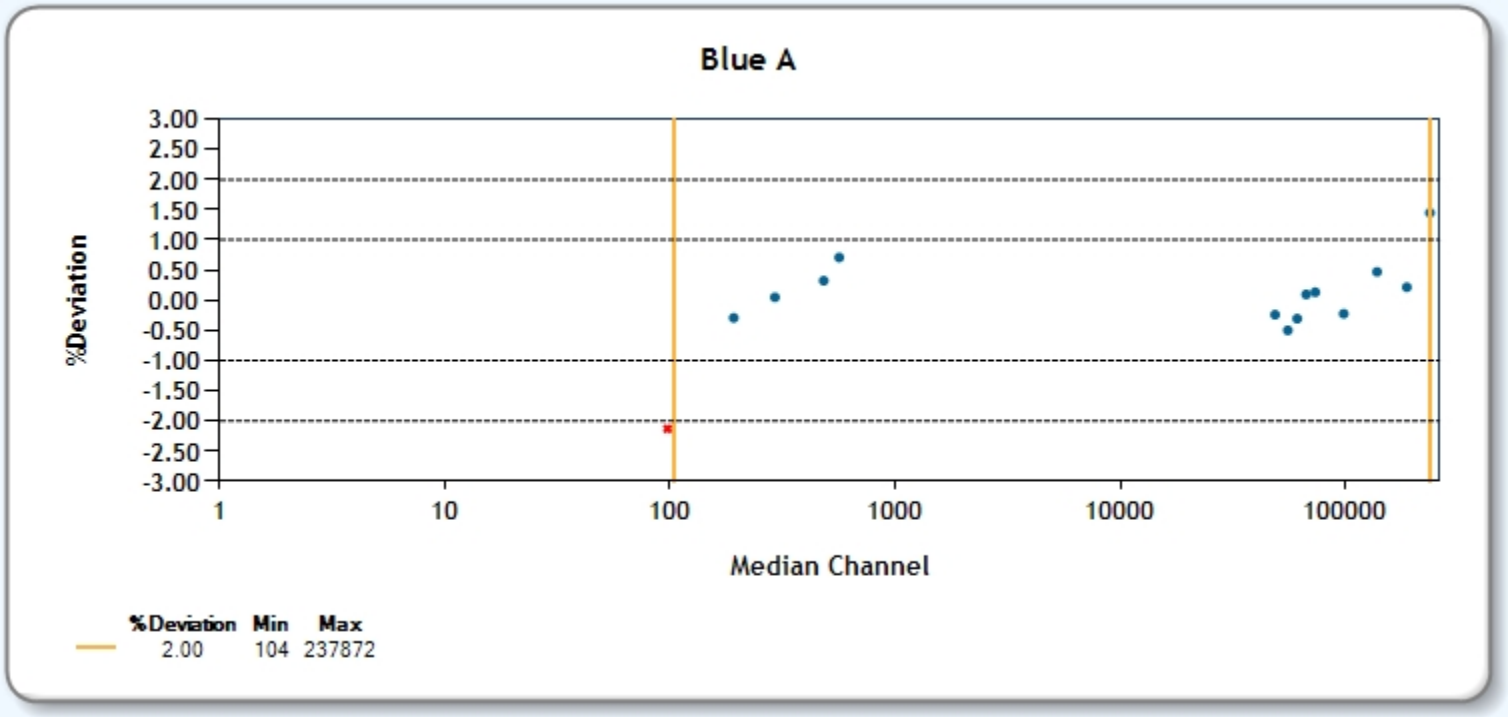




Cytometer Baseline Report

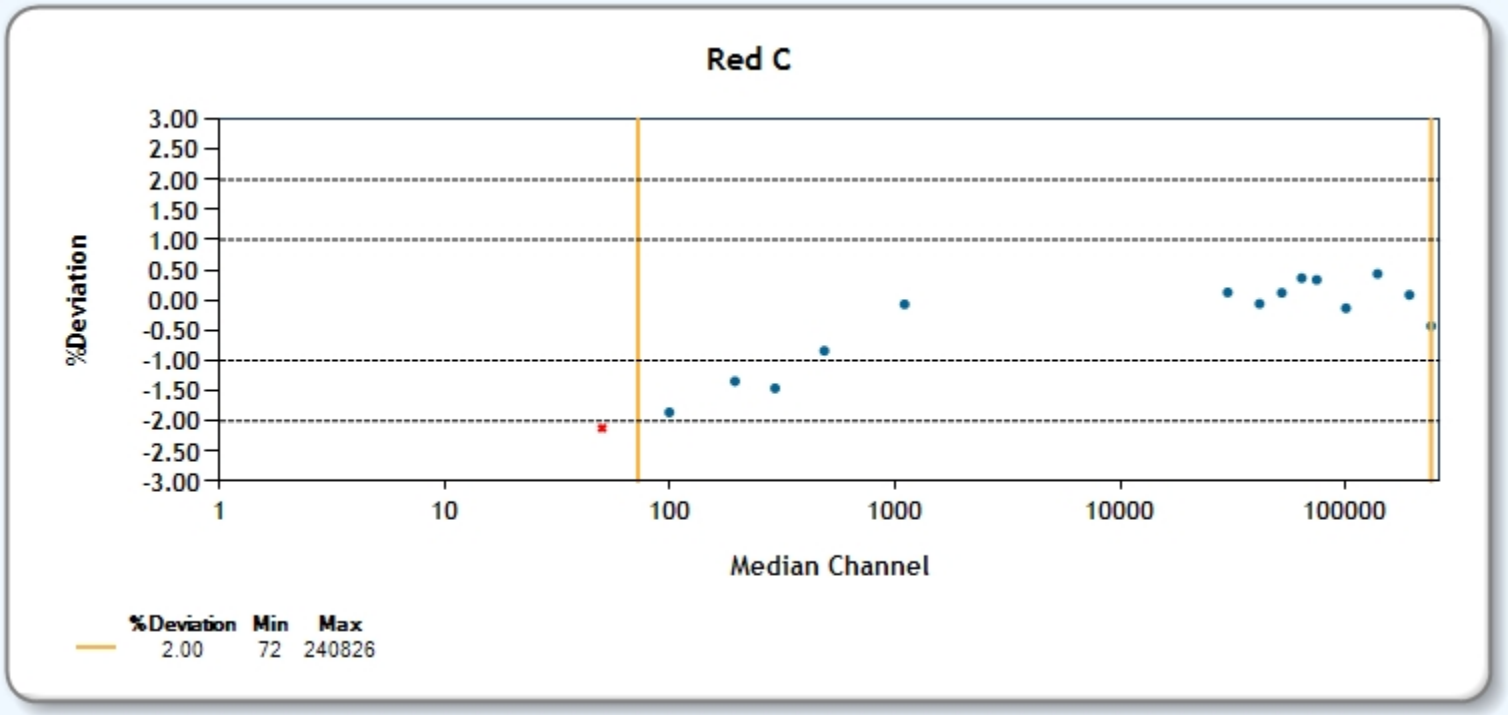
Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

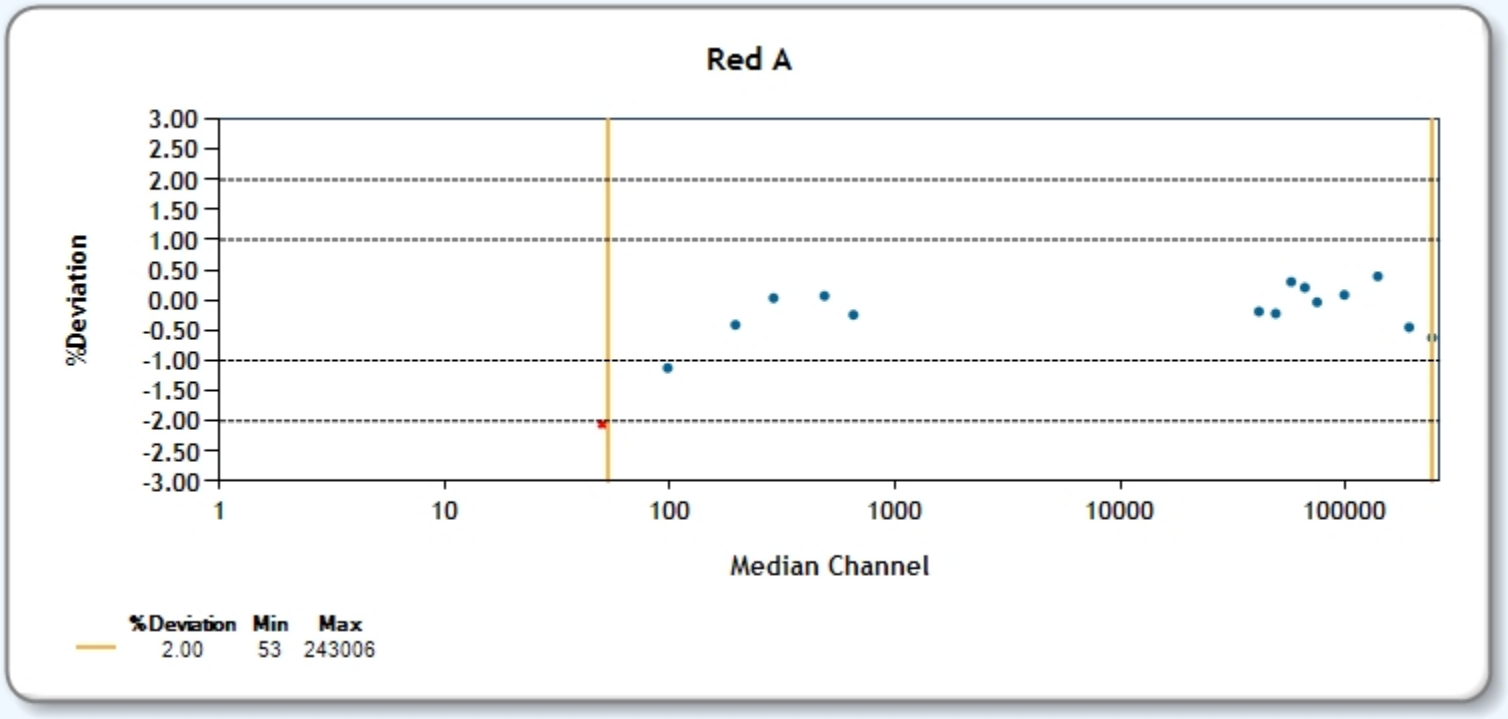




Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		





Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/20/2015 11:37 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)